

LENS CONDITION MONITORING METHOD AND SYSTEM

ABSTRACT

[0040] A system for monitoring the condition of a lighting system comprises a lamp assembly where a lamp is disposed in a housing and a lens is disposed adjacent to the lamp, a conductor disposed on the lens and adapted to lose electrical continuity upon occurrence of a crack in the lens. Furthermore, a monitoring system is coupled to the conductor and is configured to detect the loss of electrical continuity in the conductor, which is indicative of the occurrence of a crack in the railroad signal lens.